

**S**YSTEM **P**LANNING & **A**NALYSIS **R**EPORT

**S-83**

T. H. 494-T. H. 5, 212 TO FRANCE AVE.  
T. H. 100-77TH TO 84TH STREETS

S. P. 2733-25, 2785

FEBRUARY, 1972

PREPARED BY  
**OFFICE OF SYSTEM PLANNING**



**MINNESOTA  
DEPARTMENT  
OF HIGHWAYS**



DEPARTMENT HIGHWAY-Statewide Planning  
Room 807 Ext. 3158

# Office Memorandum

TO : Paul G. Velz  
Road Design Engineer

DATE: February 25, 1972

FROM : Morris Gildemeister, Chief  
Statewide Planning Section

SUBJECT: T.H. 494 - T.H. 5,212 to France Avenue  
T.H. 100 - 77th to 84th Street  
SP 2733 - 25, 2785  
System Planning & Analysis Report S-83

This report was compiled in response to D. W. Brown's request of 5/7/71 for 1995 ADT, DHV, HCADT, and certain point to point movements. The map on page 2 shows the project location.

The estimated 1985 volumes are shown on the maps on pages 3 and 4.

The point to point movements on T.H. 100 at the 77th Streets T.H. 494 and 84th Street interchanges appear in tabular form on pages 5 & 6.

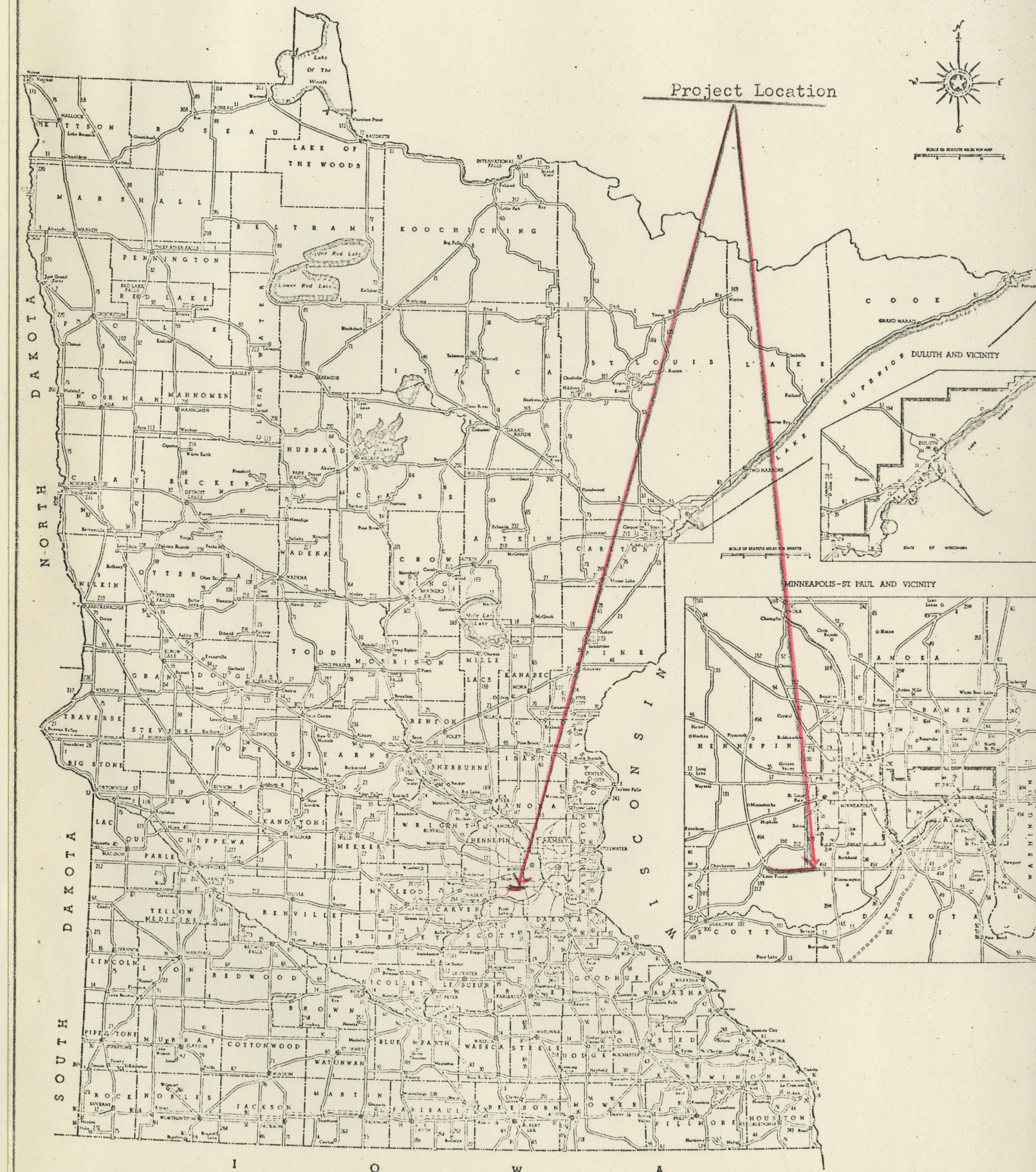
All volumes shown in this report are 1985 figures. 1995 estimates can be obtained by expanding the enclosed figures by approximately 10%.

The basic data, method and assumptions used to prepare this report are found on page 7.

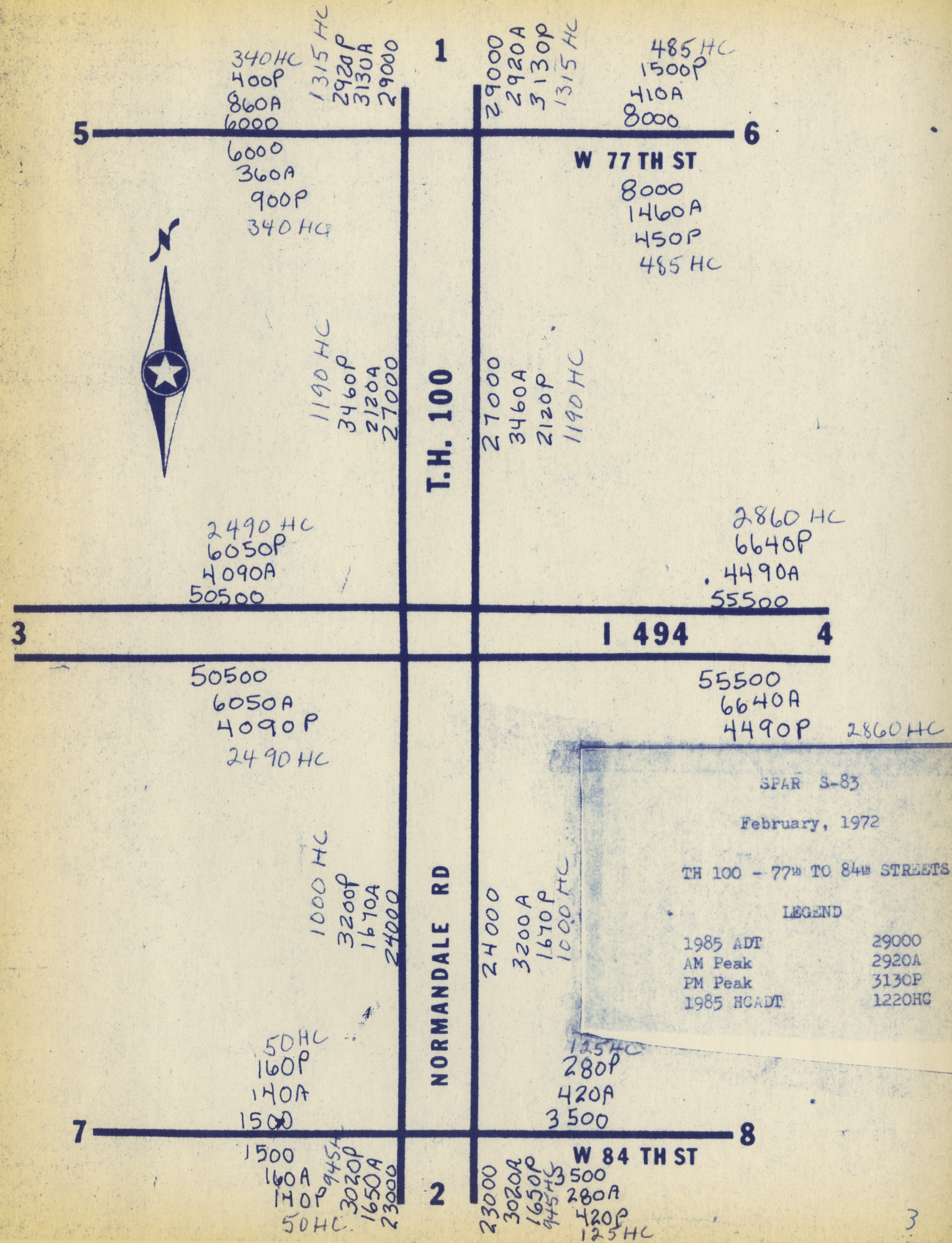
*Morris Gildemeister*

Morris Gildemeister, Chief  
Statewide Planning

STATE OF MINNESOTA  
DEPARTMENT OF HIGHWAYS  
WORK MAP









SPAR S-83

TH 494 - TH 5, 212 to France  
TH 100 - 77th to 84th Street

ADT

	1	2	3	4	5	6	7	8	Total
1	-	10050	3800	7000	3000	4000	150	1000	29000
2	10050	-	3400	5650	900	1500	500	1000	23000
3	3800	3400	-	41500	300	900	100	500	50500
4	7000	5650	41500	-	600	400	150	200	55500
5	3000	900	300	600	-	1000	50	150	6000
6	4000	1500	900	400	1000	-	50	150	8000
7	150	500	100	150	50	50	-	500	1500
8	1000	1000	500	200	150	150	500	-	3500
Total	29000	23000	50500	55000	6000	8000	1500	3500	-

AM

	1	2	3	4	5	6	7	8	Total
1	-	700	230	840	480	800	10	70	3130
2	1300	-	400	730	140	310	50	90	3020
3	530	270	-	4980	50	180	10	30	6050
4	560	400	3320	-	100	80	10	20	4490
5	180	50	20	35	-	60	5	10	360
6	200	70	45	20	60	-	5	10	410
7	20	50	10	10	10	10	-	50	160
8	130	110	65	25	20	20	50	-	420
Total	2920	1650	4090	6640	860	1460	140	280	-

PM

	1	2	3	4	5	6	7	8	Total
1	-	1300	530	560	180	200	20	130	2920
2	700	-	270	400	50	70	50	110	1650
3	230	400	-	3320	20	45	10	65	4090
4	840	730	4980	-	35	20	10	25	6640
5	480	140	50	100	-	100	10	20	900
6	800	310	180	80	100	-	10	20	1500
7	10	50	10	10	5	5	-	50	140
8	70	90	30	20	10	10	50	-	280
Total	3130	3020	6050	4490	400	450	160	420	-

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T. H. 100 - 77th to 84th Street  
HC ADT

	1	2	3	4	5	6	7	8	TOTAL
1	-	315	160	390	180	250	5	35	1315
2	315	-	175	305	40	65	15	30	945
3	160	175	-	2050	20	60	5	20	2490
4	390	305	2050	-	50	40	10	15	2860
5	160	40	20	50	-	65	0	5	340
6	250	65	60	40	65	-	0	5	485
7	5	15	5	10	0	0	-	15	50
8	35	30	20	15	5	5	15	-	125
TOTAL	1315	945	2490	2860	340	485	50	125	



#### BASIC DATA, METHOD AND ASSUMPTIONS

This report is based on the System 14 - 1985 Computer Traffic Assignment and on System Planning Analysis Report M-60 of June 1971. Report M-60 states a 10% expansion factor should be applied to 1985 volumes to arrive at 1995 figures. That factor is held applicable to this report. The 1985 HCADT to ADT ratio was determined for the 1985 Computer Traffic Assignment and this ratio was then applied to 1985 ADT of report M-60, to arrive at the HCADT in this report.